

Notice of Allowability

Application No.

10/663,167

Examiner

Inder P. Mehra

Applicant(s)

BIMS, HARRY

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Pre-Appeal Brief Request dated 12/22/06.
2. ☒ The allowed claim(s) is/are 1,5-14, and 18-25 (Renumbered as 1-19 respectively).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 2/15/07.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.


JOHN PEZZLO
PRIMARY EXAMINER

DETAILED ACTION

1. This office action is in response to "Pre- Appeal Brief Request" dated: 12/22/06. Based on this communication, claims 1-25 are pending.

2. Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jon Wright on 2/12/07. The application has been amended as follows:

.Claim 1 has been replaced as follows:

1. *(Currently Amended)* A method comprising:

allowing a station to have a first connection to a network over a first interface;

and

determining that the station is attempting to have a second connection to the network over a second interface other than the first interface by checking whether media access control (MAC) addresses of the first and second interfaces belong to the station.

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Claim 2 has been cancelled.

Claim 3 has been cancelled.

Claim 4 has been cancelled.

Claim 13 has been replaced as follows:

13. *(Currently Amended)* A method comprising:

reconciling a plurality of interfaces corresponding to a single station when the station has access to a network resource through a first of the plurality of interfaces and is attempting to gain access to the network resource through a second of the plurality of interfaces; and

enforcing a security policy with respect to the single station in response to the single station attempting to have a plurality of interfaces by which to access the network resource by checking whether media access control (MAC) addresses of the first and second interfaces belong to the station.

Claim 14 has been replaced as follows:

14. *(Currently Amended)* A switch for providing access to a network for one or more stations, the switch comprising:

a plurality of ports;

a controller coupled to the ports to allow a station to have a first connection to a network over a first interface and to determine that the station is attempting to have a second connection to the network over a second interface other than the first interface by checking

whether media access control (MAC) addresses of the first and second interfaces belong to the station.

Claim 15 has been cancelled.

Claim 16 has been cancelled.

Claim 17 has been cancelled.

Claim 24 has been replaced as follows:

24. *(Currently Amended)* The switch defined in Claim ~~10~~ 14 wherein the controller disables the first connection by removing a MAC address associated with the first interface from a list of active stations and denies the second connection by disabling a second MAC address associated with the second interface from becoming listed in a list of active stations.

Claim 25 has been replaced as follows:

25. *(Currently Amended)* A method comprising:

- allowing a station to have a set of one or more connections to a network over a first set of one or more interfaces;
- determining that the station is attempting to have another connection to the network over another interface other than the first set of interfaces interface by checking whether media access control (MAC) addresses of the first and second interfaces belong to the station;
- and

performing an action in response to determining the station is attempting the other connection.

Allowable Subject Matter

4. Claims 1,5-14,and 18-25 are allowed.

REASONS FOR ALLOWANCE

5. The following is an examiner's statement of reasons for allowance:

The prior art of record does not disclose, teach or suggest directly, or indirectly the following limitations in combinations with other limitations of the claims, as follows"

As recited by claim 1,

determining that the station is attempting to have a second connection to the network over a second interface other than the first interface by checking whether media access control (MAC) addresses of the first and second interfaces belong to the station.

As recited by claim 13,

enforcing a security policy with respect to the single station in response to the single station attempting to have a plurality of interfaces by which to access the network resource by checking whether media access control (MAC) addresses of the first and second interfaces belong to the station.

As recited by claim 14,

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a controller coupled to the ports to allow a station to have a first connection to a network over a first interface and to determine that the station is attempting to have a second connection to the network over a second interface other than the first interface by checking whether media access control (MAC) addresses of the first and second interfaces belong to the station.

As recited by claim 25,

determining that the station is attempting to have another connection to the network over another interface other than the first set of interfaces interface by checking whether media access control (MAC) addresses of the first and second interfaces belong to the station; and

performing an action in response to determining the station is attempting the other connection.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Prior Art of Record

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Kirkpatrick (US Patent No. 7,035,633) discloses an apparatus providing for creating a gateway between a wired telephone and a wireless telephone network.

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Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Inder P. Mehra whose telephone number is 571-272-3170. The examiner can normally be reached on Monday through Friday from 8AM to 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Inder Pal Mehra 2/15/07
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JP
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